CUMULATIVE INDEX 2000

Volume 27

March	UPDATE ON MATERNITY CARE, pages 1–276
June	DERMATOLOGY, pages 277–523
September	CARDIOVASCULAR DISEASE, pages 525–811
December	OCCUPATIONAL AND ENVIRONMENTAL MEDICINE, pages 813–1130

Note: Page numbers of article titles are in **boldface** type.

Abortion, spontaneous, in occupational exposures, 1040, 1043
  in shiftwork, 1064–1065
  in teratogen exposure, 6
Abrasions, treatment of, 478–480
Abscess, skin, 465–466
Abuse, domestic, prenatal screening for, 56–60
Acanthosis nigricans, in diabetes mellitus, 378–379
Accessory atrioventricular pathway, 689–690
Acebutolol, in angina, 624–625
Acetic acid, in external otitis, 469
Acetretin, in psoriasis, 404
Acids, occupational exposure to, 917–921
Aclometasone, in psoriasis, 393, 398
Acne, **289–308**
  classification of, 290
  comedonal, 290–291, 303–305
  definition of, 289
  inflammatory, 291–292, 304
  pathophysiology of, 289–290
  patient education on, 306–307
  scars in, 291, 305
  severe, 292, 304–305
  treatment of, 292–307
    adjunctive, 305–307
    comedonal, 303–305
    costs of, 307
    goals of, 292–293
    inflammatory, 304
    intralesional, 305
    severe, 304–305
    systemic agents for, 293, 298–303
    topical agents for, 293–298
Acne fulminans, treatment of, 305
Acquired immunodeficiency syndrome, in pregnancy, 21–23
Acrochordons, 280
Acrodermatitis, papular, of childhood (Gianotti-Crosti syndrome), 360–361, 368
Acrylamide, occupational exposure to, 923–925
Acrylonitrile, occupational exposure to, 925–927
Actinic keratosis, 439–444
  histology of, 440–441
  treatment of, 440–441, 443–444
Acupuncture and acupressure, in maternity care, 118–119, 124–125, 128
Acute respiratory distress syndrome, in toxic inhalation injury, 1015–1016
Acyclovir, in genital herpes, 27
Adapalene gel, in acne, 295–296
Adenosine, in atrial arrhythmias, 694, 696, 778–779
  in coronary artery disease, 791–792
Adhesives, tissue, in laceration repair, 475–478
Adrenal gland, tumors of, hypertension in, 593
Adrenergic stimulation, in heart failure, 658
Age, maternal, in pregnancy risk assessment, 76
Agent Orange, dioxins in, occupational exposure to, 951–955

AIDS. See *Human immunodeficiency virus infection.*
Albuminuria, in hypertension, 597
Alcohol use, coronary artery disease and, 532, 744
  in pregnancy, 107
    screening for, 3–4, 77–78
  lipid effects of, 576
Aldosterone, excess of, hypertension in, 592–593
Alkalis, occupational exposure to, 921–923
Allergic rhinitis, in pregnancy and lactation, drugs for, 46
  occupational, 999–1002
Allergy, food, with atopic dermatitis, 504
Alopecia, androgenic, 323–326
  classification of, 321–322
  evaluation of, 322–323
  nonscarring, 323–330
  scarring, 330–331
  traction, 330
Alopecia areata, 327–329
Alopecia totalis, 327–328
Alpha blockers, in hypertension, 601
  lipid effects of, 576
Alpha fetoprotein test, in pregnancy, 88
Alternative medicine, in maternity care, **117–136**
    acupuncture, 118–119, 124–125, 128
    aromatherapy, 121, 130
    Chinese medicine, 118–119, 127–128
    chiropractic, 122–123, 125
    comfort measures in, 129–131
    doula care, 131
    for backache, 125–126
    for breech presentation version, 127–128
    for childbirth preparation, 125
    for labor induction, 128–129
    for lactation, 131–132
    for nausea and vomiting, 124
    for pain relief, 129–131
    for premature labor, 128
    herbal remedies, 119–121, 124, 129, 131–132
    homeopathy, 121–122, 124, 128–130
    hydrotherapy, 130
    hypnosis, 127–128
    incorporation of, 132–133
    manipulative, 122–123
    massage, 122
    osteopathic, 122–123
    postpartum, 131
    spiritual healing, 123
    types of, 118
  in pregnancy and lactation, 51–52
American Academy of Family Physicians, lipid screening recommendations of, 557–558
American Academy of Pediatrics, lipid screening recommendations of, 557–559
American College of Obstetrics and Gynecology, lipid screening recommendations of, 557
American Heart Association, lipid screening recommendations of, 557, 559–560
Amines, aromatic, occupational exposure to, 927–929
p-Aminophenol, occupational exposure to, 927–929
Amiodarone, in atrial arrhythmias, 695, 697, 702–704
Amitriptyline, in atopic dermatitis, 511
Amlodipine, in heart failure, 666
Ammonia, occupational exposure to, 969–970
Amniocentesis, 95
Amniotic fluid infection, in pregnancy and lactation, drugs for, 43
Amphotericin B, in fungal infections, 415
Ampicillin, in bacteriuria, in pregnancy, 15
Amyl nitrite, in cyanide poisoning, 965
  in hydrogen sulfide poisoning, 967
Anacardiaceae family, dermatitis due to. See *Rhus* dermatitis.
Analgesia, for burns, 485
Androgenic alopecia, 323–326
Anemia, in lead poisoning, 986
Anesthetics, for abrasion treatment, 479
  in pregnancy and lactation, drugs for, 51
  occupational exposure to, 1093
    reproductive disorders in, 1041, 1047
Angina, **615–629**
  angina equivalents in, 617
  atypical, 618, 632–633
  classification of, 620–621
  clinical features of, 617–618
  definition of, 615
  diagnosis of, 619–620, 790–794
  differential diagnosis of, 620
  diseases with, 627–628
  in aortic stenosis, 728
  in women, 747
  pathophysiology of, 616–617
  prevention of, 627
  Prinzmetal's, 618
  prognosis for, 621
  sexuality and, 627
  treatment of, 621–627
    after myocardial infarction, 645–646
  variant, 618
  versus silent ischemia, 628
Angiography, coronary, in angina, 617
    in heart disease, 794
  in hypertension, 598–599
Angioplasty, coronary, in women, 752

Angiosarcoma, of liver, in vinyl chloride exposure, 956–957
Angiotensin-converting enzyme inhibitors, in heart failure, 664–665
in hypertension, 602, 757–758
in renography, 598
in myocardial infarction, 644
Angiotensin II receptor antagonists, in heart failure, 666
Angular cheilitis, in diabetes mellitus, 374
Aniline, occupational exposure to, 927–929
Anthracene, occupational exposure to, 947–949
Anthralins, in alopecia areata, 329
in psoriasis, 397
Antibiotics, in acne, 297–299
in blistering distal dactylitis, 466
in cellulitis, 463
in erysipelas, 461
in pregnancy, 14
in rosacea, 315
in staphylococcal scalded skin syndrome, 467
in sycosis barbae, 465
prophylactic, in aortic stenosis, 729–730
in mitral stenosis, 735
Anticoagulants, in atrial fibrillation, 705–706
in pregnancy and lactation, 45–46
Antidepressants, in atopic dermatitis, 511
Antihistamines, in atopic dermatitis, 511
in contact urticaria, 906–907
in *Rhus* dermatitis, 499
Antihypertensive drugs. See *Hypertension, treatment of.*
Antioxidants, in angina, 626–627
in hyperlipidemia, 568
Antiplatelet drugs, in coronary artery disease prevention, 536
Antiretroviral therapy, for HIV infection, in pregnancy, 22
Aortic arch defects, 769, 772
Aortic valve, regurgitation of, 727, 730–732
stenosis of, 727–730
Apolipoprotein B, defects of, 542
Aromatherapy, in maternity care, 121, 130
Aromatic amines, occupational exposure to, 927–929
Arrhythmias, cardiac. See *Cardiac arrhythmias.*
Arsenic, exposure to, 885, 991–993
Arsine, occupational exposure to, 973–974
Arthritis, in psoriasis, 341
Asbestos exposure, diseases related to, 888
asbestosis, 1028–1029
cancer, 1035–1036
in health care workers, 1094–1095
mesothelioma, 1033–1034
Asbestosis, 1028–1029
Asphyxiants, occupational exposure to, chemical, 959–967
physical, 958–959
Aspirin, in angina, 626–627
in atrial fibrillation, 705–706
in coronary artery disease prevention, 536
in myocardial infarction, 643
Asthma, in pregnancy and lactation, drugs for, 46
occupational, 1016–1020
shiftwork effects on, 1067–1068
Atenolol, in angina, 624–625
in silent myocardial ischemia, 628
Atherosclerosis, of coronary arteries, angina in. See *Angina.*
pathophysiology of, 616–617
hyperlipidemia in, 543–544
Athletes, screening of, for heart disease, 712–715, 775–779
Athlete's foot (tinea pedis), 410–412, 417–418
Atopic dermatitis, **503–513**
clinical course of, 504–505
clinical features of, 506–509
diagnosis of, 505–506
differential diagnosis of, 509–510
epidemiology of, 503–504
laboratory studies in, 510
treatment of, 510–512
Atorvastatin, in coronary artery disease prevention, 535
in hyperlipidemia, 572, 574
Atrial arrhythmias, **677–708**
atrial fibrillation, 697–706, 754
atrial flutter, 692–693
automatic atrial tachycardia, 690–691
clinical features of, 677–678
evaluation of, 677–679
irregular beats, 682–686
multifocal atrial tachycardia, 691
nonsinus atrial rhythm, 686
premature atrial complexes, 682–683
reentrant supraventricular tachycardia, 687–689
sick sinus syndrome, 685–686
sinoatrial block, 684
sinus arrest, 684–685
sinus arrhythmia, 682
sinus bradycardia, 680–681
sinus pause, 683
sinus rhythms, 679–680
sinus tachycardia, 681
supraventricular tachycardias, 687–697, 755, 778–779
wandering atrial pacemaker, 686–687
Wolff-Parkinson-White syndrome, 689–690

Atrial fibrillation, 697–706
acute, 698
chronic, 698
clinical features of, 698
electrocardiography in, 699
epidemiology of, 698
in women, 754
pathophysiology of, 698–699
stroke risk in, 705–706
treatment of, antiarrhythmic drugs in, 702–704
electrical cardioversion in, 701–702
surgical, 704
ventricular rate control in, 699–701
Atrial flutter, 692–693
Atrial septal defects, 771, 777–778
Atrial tachycardia, 690–691
Atrophy, definition of, 284
Atropine, in atrial arrhythmias, 694
Austin-Flint murmur, in aortic regurgitation, 731
Automatic atrial tachycardia, 690–691
Automaticity, defects of, arrhythmias in, 710–711
Azathioprine, in atopic dermatitis, 512
Azelaic acid, in acne, 296–297

Back pain, alternative medicine for, 125–126
work-related, **865–875**
assessment of, 867–870
differential diagnosis of, 870
epidemiology of, 865
pathobiology of, 866
prevention of, 872–873
prognosis for, 871–872
risk factors for, 866–867
treatment of, 870–872
Bacterial infections, of skin, **459–473**
blistering distal dactylitis, 466
carbuncles, 465–466
cellulitis. See *Cellulitis.*
ecthyma gangrenosum, 470–471
erysipelas, 460–462
erysipeloid, 466
external otitis, 469–470
folliculitis. See *Folliculitis.*
furuncles, 465–466
impetigo, 459–460
Pseudomonas aeruginosa, 467–471
staphylococcal scalded skin syndrome, 365–366, 368, 467
toe web, 470
Bacterial vaginosis, in pregnancy, drugs for, 44
prenatal screening for, 61, 63
Bacteriuria, in pregnancy, asymptomatic, 14–15
drugs for, 44
Baldness. See *Alopecia.*
Basal cell carcinoma. See *Cancer, skin.*
Beau's lines, 348–349
Benzamycin, in acne, 298
Benzidine, occupational exposure to, 927–929
Benzo(a)pyrene, occupational exposure to, 947–949
Benzoyl peroxide, in acne, 294
Beryllium, occupational exposure to, 1024–1025
Beta-blockers, in angina, 624–625
in atrial fibrillation, 700
in heart failure, 666–668
in hypertension, 600–601, 757
in myocardial infarction, 643–644
lipid effects of, 576
Betamethasone, in psoriasis, 398
in *Rhus* dermatitis, 500
Bicipital tendonitis, work-related, 853–854
Biophysical profile, in fetal assessment, 96
Biopsy, nail, 338
skin, in actinic keratosis, 441
in cancer, 453–454
Bipolar disorder, in pregnancy and lactation, drugs for, 50
Birth defects, in occupational exposures, 1040, 1043
maternal, evaluation of, 75
Bisoprolol, in heart failure, 667
Bitumens, occupational exposure to, 947–949
Black damp, occupational exposure to, 958–959
Blackheads (comedones), 285, 290–291, 303–305
Bladder, infection of, in pregnancy, 17–18
Bleeding, vaginal, in pregnancy, **137–151**
Bleomycin, in warts, 431
Blisters, 466, 480–482
Blood pressure, high. See *Hypertension.*
measurement of, 591, 596
Boils, 465–466
Bradycardias, sinus, 680–681
Breast-feeding, alternative medicine in, 131–132
drug use in. See *Drug(s), in pregnancy and lactation.*
occupational exposures affecting, 1044
Breech presentation version, alternative medicine for, 127–128
Bronchitis, chronic, occupational, 1030–1032
Bronchoprovocation tests, in occupational lung diseases, 1013
Bruce protocol, for exercise testing, in angina, 618
Bruits, in angina, 618

Bullae, 283, 377
Bullous impetigo, 459–460
Burns, 482–487
acid, 920–921
alkali, 921–923
blisters in, 482
ethylene oxide, 932–933
extent of, 483
referral in, 483
sun, 435, 439
treatment of, 483–487
types of, 483–484
Burrow, definition of, 285
Bursitis, subdeltoid, work-related, 853

Cadmium, occupational exposure to, 993–994
Caesarean section, in genital herpes, 27, 94
in placenta previa, 140–141
CAGE questions, for substance abuse screening, prenatal, 4, 78–79
Calamine lotion, in *Rhus* dermatitis, 499
Calcipotriene, in psoriasis, 399
Calcium channel blockers, in angina, 625
in aortic regurgitation, 731
in hypertension, 601
Calcium gluconate, in hydrofluoric acid exposure, 920–921
Calcium oxide, occupational exposure to, 921–923
Calcium supplementation, in pregnancy, 106
Canadian Task Force, lipid screening recommendations of, 557–579
Cancer, in occupational exposures, acrylonitrile, 926–927
aromatic amine, 928–929
arsenic, 992–993
dioxin, 954
ethylene oxide, 933
formaldehyde, 935–936
lung, 1034–1036
nitrosamine, 940–941
periconceptual, 1044
polychlorinated biphenyl, 945–946
polycyclic aromatic hydrocarbon, 948–949
skin, 909–910
styrene, 951
upper respiratory tract, 1006–1007
vinyl chloride, 956–957
skin, from indoor tanning, 438
melanoma, 438
nonmelanoma, **447–458**
basal cell carcinoma, 449, 452
biopsy of, 453–454
follow-up, 457
incidence of, 448
metastasis from, 457
morbidity and mortality in, 448–449
physical examination in, 449
squamous cell carcinoma, 449–451, 453
treatment of, 454–457
occupational, 909–910
Candidiasis, cutaneous, 414–415
in diabetes mellitus, 374
in pregnancy, 30–31
drugs for, 44
treatment of, 419
Cantharidin, in warts, 429–430
Caplan's syndrome, 1030
Captopril, in heart failure, 665
in hypertension, 757–758
Carbon black, occupational exposure to, 947–949
Carbon dioxide, occupational exposure to, 958–959
Carbon dioxide digital subtraction angiography, in hypertension, 598
Carbon disulfide, occupational exposure to, 929–931
Carbon monoxide, occupational exposure to, 959–963
Carbuncles, 465–466
Carcinomas, skin. See *Cancer, skin.*
Cardiac arrest, in myocardial infarction, 637
Cardiac arrhythmias, atrial. See *Atrial arrhythmias.*
diagnosis of, 797–799
in myocardial infarction, 639–640, 645
in pediatric patients, 771, 778–779
in women, 754–755
pathophysiology of, 710–712
triggered, 711–712
ventricular. See *Ventricular arrhythmias.*
Cardiogenic shock, in myocardial infarction, 637–638
Cardiology, angina. See *Angina.*
atherosclerosis, 543–544, 616–617
coronary artery disease. See *Coronary artery disease.*
diagnostic testing in, **785–802**. See also specific techniques and diseases.
for children. See *Pediatric patients.*
for women. See *Women, heart disease in.*
heart failure. See *Heart failure.*
hyperlipidemia. See *Hyperlipidemia.*
hypertension. See *Hypertension.*
myocardial infarction. See *Myocardial infarction.*
valvular disease. See *Valvular heart disease.*
Cardiomegaly, in heart failure, 658

Cardiomyopathy, dilated, 775
heart failure in, 656
hypertrophic, 768
sudden death in, screening for, 712–713, 778
mitochondrial, 768
peripartum, 781–782
Cardiovascular disorders, in pregnancy and lactation, drugs for, 45–46
in shiftwork, 1062–1064
occupational, in nitroglycerin exposure, 937–939
Cardioversion, electrical, in atrial fibrillation, 701–702
Carpal tunnel syndrome, work-related, 858–859
Carvedilol, in angina, 624–625
in heart failure, 667–668
CATCH-22 syndrome, 769
Caustic potash, occupational exposure to, 921–923
Caustic soda, occupational exposure to, 921–923
Ceftriaxone, in gonorrhea, in pregnancy, 17
in pyelonephritis, in pregnancy, 16–17
Cellulitis, 460–464
alopecia in, 331
around eye, 462–463
of extremities, 462
of face, 462
perianal, 463–464
Pseudomonas aeruginosa, 468–469
Cephalexin, in bacteriuria, in pregnancy, 15
Cephalosporins, in cellulitis, 463
Cerebrovascular disease, in hypertension, 609–610
Cerivastatin, in coronary artery disease prevention, 535
in hyperlipidemia, 572, 574
Cesarean section, vaginal delivery after, 94
Cheilitis, angular, in diabetes mellitus, 374
Chelation therapy, for lead poisoning, 986
Chemical peels, in actinic keratosis, 440–441, 443
Chemicals. See also *specific agents*.
occupational exposure to, 885–886, **917–982**
acids, 917–921
acrylamide, 923–925
acrylonitrile, 925–927
alkalis, 921–923
ammonia, 969–970
aromatic amines, 927–929
arsine, 973–974
carbon disulfide, 929–931
carbon monoxide, 959–963
chlorine, 967–968
dioxins, 951–955
ethylene glycol dinitrate, 936–939
ethylene oxide, 931–933
formaldehyde, 934–936
hydrogen cyanide, 963–966
hydrogen sulfide, 966–967
in health care workers, 1092–1096
in risk assessment, in pregnancy, 75–76
irritant gases, 967–973
nitrogen dioxide, 970–972
nitroglycerin, 936–939
nitrosamines, 939–941
ozone, 972
pentachlorophenol, 941–944
phosgene, 969
physical asphyxiants, 958–959
polychlorinated biphenyls, 944–946
polycyclic aromatic hydrocarbons, 946–949
polyvinyl chloride, 955–957
reproductive disorders in, 1041, 1045–1048
styrene, 949–951
sulfur dioxide, 972–973
vinyl chloride monomer, 955–957
Chemotherapy drugs, occupational exposure to, 1093
Chest pain. See also *Angina*.
centers for, 641–642
differential diagnosis of, 632–634
noncardiac, 633
recurrent, in myocardial infarction, 638–639
troponin measurement in, 795–796
Chest radiography, in heart failure, 659
in occupational lung diseases, 1011–1012
Chicken skin, in atopic dermatitis, 506–507
Chickenpox. See *Varicella*.
Chinese medicine, in maternity care, 118–119, 127–128
Chiropractic medicine, in maternity care, 122–123, 125
Chlamydia trachomatis infections, in pregnancy, 31
Chlamydial infections, in pregnancy and lactation, drugs for, 41–42
Chloracne, in dioxin exposure, 953
in pentachlorophenol exposure, 943
in polychlorinated biphenyl exposure, 945–946
Chlorine, occupational exposure to, 967–968
Chlorpropamide, skin disorders due to, 381
Cholesterol. See also *Hyperlipidemia*.
dietary, 565–567
lowering of, in coronary artery disease prevention, 534–535
measurement of, 548–552
Cholestin, in hyperlipidemia, 571, 573–574
Cholestyramine, in coronary artery disease prevention, 535, 553–554
in hyperlipidemia, 573–574

Chorionic villus sampling, 95
Chromic acid, occupational exposure to, 918–921
  nasal perforation in, 1004
Chromium, occupational exposure to, 994
Cimetidine, in warts, 432
Circadian rhythms, shiftwork and, 1057–1059
Clindamycin, in acne, 297–298
  in streptococcal infections, 20
Clobetasol, in psoriasis, 398
Clofibrate, in hyperlipidemia, 573–574
Clonidine, in hypertension, 602–603
Clotrimazole, in tinea pedis, 417
Coal tar products, occupational exposure to, 947–949
Coal worker's pneumoconiosis, 1029–1030
Colestipol, in coronary artery disease prevention, 535
  in hyperlipidemia, 573–574
Colitis, ulcerative, in pregnancy and lactation, drugs for, 47–48
Color, of nails, 336–338
  of skin, 279
Comedones, 285, 290–291
  treatment of, 303–305
Complementary medicine. See *Alternative medicine.*
Computed tomography, in hypertension, 598
  in occupational lung diseases, 1012
Conception, maternity care and. See *Periconception care.*
Condyloma acuminatum, in pregnancy, 27–28
Confidentiality, in occupational medicine, 821–822
Confinement date, calculation of, 74
Congenital heart disease, 769–772
Congestive heart failure. See *Heart failure.*
Conjunctivitis, in rubeola, 355
Constipation, in pregnancy and lactation, drugs for, 49
Consultants, in occupational medicine, 819–820
Contact dermatitis, occupational, 896–903
  Rhus. See *Rhus dermatitis.*
Contact urticaria, occupational, 903–906
Contraceptives, oral, heart disease and, 758
  in acne, 303
Coronary artery(ies), angiography of, in angina, 617
    in heart disease, 794
  angioplasty of, in women, 752
  revascularization of, 637
Coronary artery bypass surgery, in women, 752–753
Coronary artery disease, **525–540**
  angina in. See *Angina.*
  atypical, 751
  diagnosis of, 790–796
    in women, 747–750
  economic impact of, 527
  epidemiology of, 525–527
  ethnic factors in, 526–527, 578–579
  family history of, 529
  gender differences in, 526–528, 575, 577, 741–754
  heart failure in, 656
  in alcohol use, 532, 744
  in diabetes mellitus, 530, 746
  in elderly persons, 577–578
  in estrogen deficiency, 530–531, 536–537, 745–746
  in exercise lack, 531, 534
  in homocysteinemia, 531–532, 744
  in hyperlipidemia, 528, 534–535, 549–552
    epidemiology of, 541
    pathophysiology of, 543–544
    prediction of, 549–552
    prevention of, 544–547, 552–555. See also *Hyperlipidemia, treatment of.*
    screening for, 557–560
  in hypertension, 529, 535, 609
    in women, 746–747
  in obesity, 530
  in pediatric patients, 579
  in shiftwork, 1063–1064
  in stress, 532
  in tobacco use, 528–529, 533
  in women, 526–528, 575, 577, 741–754
  mortality in, in women, 741, 753
  myocardial infarction in. See *Myocardial infarction.*
  pathophysiology of, hyperlipidemia and, 543–544
  personality traits in, 532
  prediction of, hyperlipidemia and, 549–552
  prevention of, 532–537
    hyperlipidemia and, 544–547, 552–555. See also *Hyperlipidemia, treatment of.*
    in women, 753–754
    nonpharmacologic, 533–534
    pharmacologic, 534–537
  risk factors for, 527–532, 544–547
    in women, 742–746
  sudden death risk in, evaluation of, 713–715, 778
  treatment of, in women, 750–754
Corticosteroids, in atopic dermatitis, 511
  in lichen planus, 343–344
  in psoriasis, 402
    of nails, 341–342
    of scalp, 391–392
    systemic, 402–403
    topical, 398–399
  in *Rhus* dermatitis, 499–500

Corticosteroids (*continued*)
intralesional, in acne, 305
lipid effects of, 576
Cough, angiotensin-converting enzyme inhibitor-induced, 665
Crackles, in heart failure, 658
Creatinine kinase, measurement of, in myocardial infarction, 794–795
Creosote, occupational exposure to, 947–949
Creutzfeld-Jakob disease, transmission of, to health care workers, 1086
Crohn's disease, in pregnancy and lactation, drugs for, 48
Crust, definition of, 283
Cryotherapy, for actinic keratosis, 443–444
for myxoid cysts, of nails, 348
for skin cancer, 455–456
for warts, 430–431
Culture, fungal, 409
Curettage, of skin cancer, 455
of warts, 431
Cyanide, occupational exposure to, 963–966
Cyanoacrylates, in laceration repair, 475–478
Cyclosporine, in atopic dermatitis, 512
in psoriasis, 404–405
Cyst(s), acne, 291–292
definition of, 285
myxoid, of nails, 347–348
Cystitis, in pregnancy, 17–18
Cytokines, in *Rhus* dermatitis, 497
Cytomegalovirus infections, in pregnancy, 25–26, 87, 108–109
prevention of, in periconceptional care, 7
transmission of, to health care workers, 1085–1086

Dactylitis, blistering, 466
Dandruff, in psoriasis, 391–392
Death, sudden, in arrhythmias, in women, 755
in athletes, screening for, 712–715, 778
Débridement, of nail, in psoriasis, 342
Defibrillators, after myocardial infarction, 645
atrial, 704
Defoliants, dioxins in, occupational exposure to, 951–955
Delivery. See *Labor and delivery.*
Dennie-Morgan lines, in atopic dermatitis, 508
Depression, in myocardial infarction, 640–641
in pregnancy and lactation, drugs for, 50–51
in shiftwork, 1068–1069
postpartum, prenatal screening for, 60–62
prenatal screening for, 60–62
DeQuervain's disease, work-related, 856
Dermatitis, atopic, **503–513**
contact, occupational, 896–903
Rhus, **493–502**
Dermatographism, white, in atopic dermatitis, 509
Dermatology. See also *Skin disorders.*
hair disorders, **319–332**
nail disorders, **333–351**
occupational. See *Skin disorders, occupational.*
terminology of, **277–287**
Dermatophytid reaction, in tinea pedis, 412
Dermatophytosis, 408–412
clinical types of, 409–413
diagnosis of, 408–409
of nails, 344–347
of scalp, 330
organisms causing, 408
treatment of, 417–418
Dermatoses, in diabetes mellitus, perforating, 379–380
pigmented purpuric, 373
Dermopathy, diabetic, 373
Desonide, in psoriasis, 398
Desoximethasone, in psoriasis, 398
Diabetes mellitus, coronary artery disease in, 530, 746
cutaneous manifestations of, **371–383**
acanthosis nigricans, 378–379
bullae, 377
classification of, 372–373
dermopathy, 373
epidemiology of, 371–372
eruptive xanthomas, 380–381
granuloma annulare, 377–378
infections, 372–375
lichen planus, 380
malignant external otitis, 470
necrobiosis lipoidica, 376–377
pathogenesis of, 371–372
perforating dermatoses, 379–380
rubeosis faciei, 375–376
thick skin, 375
treatment-related, 373, 381
vitiligo, 380
yellow skin, 376
gestational, prevention of, 5
hypertension in, 603
in pregnancy and lactation, drugs for, 49
prenatal screening for, 65–67
shiftwork effects on, 1066–1067
Diagnostic testing, in heart disease, **785–802**. See also specific techniques and diseases.

algorithm for, 799
interpretation of, 785–789
Diarrhea, in pregnancy and lactation, drugs for, 49
infectious, transmission of, to health care workers, 1092
Diet, as shiftwork countermeasure, 1070
for coronary artery disease prevention, 533, 560–569, 743–744
for heart failure, 670
for hyperlipidemia, 560–569
Diethylstilbestrol, teratogenic effects of, 36–37
Diffusing capacity for carbon monoxide, in occupational lung diseases, 1013
Diflorasone, in psoriasis, 398
DiGeorge syndrome, heart defects in, 769
Digital subtraction angiography, in hypertension, 598
Digoxin, in atrial arrhythmias, 694, 697, 700
in heart failure, 664
Diltiazem, in angina, 625
in atrial arrhythmias, 695–697, 700
in hypertension, 601
Dimethylmercury poisoning, 989
Dioxins, occupational exposure to, 951–955
Diphenhydramine, in atopic dermatitis, 511
Dipyridamole, in coronary artery disease, 791–792
Disability, evaluation of, for workers' compensation, 841–842
prevention of, in employment, 824
Discoid lupus erythematosus, alopecia in, 331
Discoloration, of nails, 336–338
Disinfectants, occupational exposure to, 1095
reproductive disorders in, 1041, 1047
Disopyramide, in atrial arrhythmias, 694
Diuretics, in heart failure, 663–664
in hypertension, 600, 757
lipid effects of, 576
Dobutamine, in stress testing, in coronary artery disease, 791–792
Domestic violence, prenatal screening for, 56–60
Down's syndrome, prenatal screening for, 88
Doxycycline, in acne, 299
Dressings, 490
for abrasions, 479–480
for blisters, 481–482
for burns, 482, 485–486
Drug(s), abuse of, screening for, in periconception care, 4
in pregnancy and lactation, **35–53**
alternative, 51–52
anesthetic agents, 51
Food and Drug Administration categories for, 37–39
for cardiovascular disorders, 45–46
for endocrine disorders, 49
for gastrointestinal disorders, 47–49
for infectious diseases, 39–45
for neurologic disorders, 50
for psychiatric disorders, 50–51
for pulmonary disorders, 46–47
for skin diseases, 51
historical perspective of, 35–37
over-the-counter, 37
principles for, 37–39
occupational exposure to, 1093–1094
reproductive disorders in, 1041, 1046–1047
Dry skin, in atopic dermatitis, 506
Ductus arteriosus, patent, 771
Duplex ultrasonography, in hypertension, 598
Dusts, occupational exposure to, 887–888. See also *Pneumoconioses.*
Dysbetalipoproteinemia, 542
Dyspepsia, in pregnancy and lactation, drugs for, 48
Dyspnea, in heart failure, 657–658
in mitral stenosis, 734

Ear, external, infections of, 469–470
Echocardiography, exercise, 793
in coronary artery disease, 749
in heart failure, 659, 661, 796
in hypertension, 597
in valvular disease. See specific diseases.
stress, 792–793
Econazole, in tinea pedis, 417
Ecthyma gangrenosum, 470–471
Eczema. See *Atopic dermatitis.*
Edema, in heart failure, 658
in rosacea, 313–314
Education, medical, on occupational medicine, 826–827
patient, on acne, 306–307
on occupational medicine, 822–824
Elastin defects, heart disease in, 769
Elbow, work-related disorders of, 854–855
evaluation of, 848–849
risk factors for, 847–848
treatment of, 849
Elderly persons, coronary artery disease in, 577–578, 745
hyperlipidemia in, 577–578
hypertension in, 605–606
Electrical cardioversion, in atrial fibrillation, 701–702
Electrical hazards, in health care, 1097

Electrocardiography. See also specific arrhythmias and valvular diseases.
in angina, 618
in arrhythmias, 679, 699, 798
in coronary artery disease, 748–749, 790–791
in hypertension, 597
in myocardial infarction, 633–634
Electrocautery, in subungual hematoma drainage, 489
Electrodesiccation, of skin cancer, 455
of warts, 431
Electrophysiologic studies, in cardiac arrhythmias, 798
Electrosurgery, in rhinophyma, 316–317
Emergency, hypertensive, 594
Emollients, in atopic dermatitis, 511
in psoriasis, 397
Employment. See also *Occupational medicine.*
during pregnancy, 108–111
Enalapril, in heart failure, 665
Endocarditis, antibiotic prophylaxis for, in aortic stenosis, 729–730
in mitral stenosis, 735
in pregnancy and lactation, drugs for, 39
tricuspid regurgitation due to, 736
Endocrine disorders, in pregnancy and lactation, drugs for, 49
Endometritis, postpartum, 19–21, 43
Endothelins, as vasoconstrictors, 590
Endothelium, vasoactive substances secreted by, 590
Environmental exposure. See also *Occupational medicine.*
in risk assessment, in pregnancy, 75–76
Epicondylitis, work-related, 854–855
Epidermodysplasia verruciformis, 427
Epidermophyton infections. See *Dermatophytosis.*
Epilepsy, shiftwork effects on, 1067
Ergonomic hazards, to health care workers, 1096–1097
Erosion, definition of, 284
Eruptive xanthomas, in diabetes mellitus, 380–381
Erysipelas, 460–462
Erysipeloid, 466
Erythema, in rosacea, 311
Erythema infectiosum, 357–358, 367
in pregnancy, 24, 87, 108
transmission of, to health care workers, 1088, 1091
Erythema multiforme, 364–365, 368
Erythrasma, in diabetes mellitus, 374–375
Erythrodermic psoriasis, 394
Erythromycin, in acne, 297–299
Esmolol, in atrial arrhythmias, 694, 697
Estimated date of confinement, calculation of, 74
Estriol test, in pregnancy, 88
Estrogen, deficiency of, coronary artery disease in, 530–531, 575, 577, 745–746
in acne, 303
replacement of, in angina, 626
in heart disease prevention, 645, 759–760
Ethane, occupational exposure to, 958–959
Ethnic factors, in coronary artery disease, 526–527, 578–579, 745
in hyperlipidemia, 578–579
in hypertension, 603–605
Ethylene glycol dinitrate, occupational exposure to, 936–939
Ethylene oxide, occupational exposure to, 931–933, 1095
reproductive disorders in, 1047
Exanthem subitum (roseola infantum), 356–357, 367
Exanthems, in pediatric patients, **353–370**
erythema infectiosum, 357–358, 367
erythema multiforme, 364–365, 368
Gianotti-Crosti syndrome, 360–361, 368
Henoch-Schönlein purpura, 363–364, 368
Kawasaki syndrome, 359, 367, 773–774
meningococcemia, 361–362, 368
Rocky Mountain spotted fever, 362–363, 368
roseola infantum, 356–357, 367
rubella, 355–356, 367
rubeola, 354–355, 367
staphylococcal scalded skin syndrome, 365–366, 368
varicella, 358, 367
Excision, of skin cancer, 454–455
of warts, 431
Excoriation, definition of, 285
Exercise, as shiftwork countermeasure, 1070–1071
in heart failure, 670
in hyperlipidemia, 570
in pregnancy, 80–81, 112
lack of, coronary artery disease in, 531, 534, 743
types of, heart function and, 776
Exercise testing, in coronary artery disease, 618, 748–749, 790–791
in sports participation evaluation, 713–714
Exfoliation, in staphylococcal scalded skin syndrome, 365–366
Expert witness, in workers' compensation cases, 841
External otitis, 469–470
Extraction, of comedones, 305
Extrinsic allergic alveolitis, occupational, 1020–1023

Eye, alkali burns of, 921–923
cellulitis around, 462–463
irritation of, in formaldehyde exposure, 934–936
in styrene exposure, 950–951
rosacea of, 314–315

Face, cellulitis of, 462
redness of, in diabetes mellitus, 375–376
tinea corporis of, 410
Family, care of, in occupational medicine, 820–821
shiftwork effects on, 1071
Fat, dietary, in hyperlipidemia, 561–565, 743–744
Fatigue, in heart failure, 657
in pregnancy, 109–110
Fatty acids, polyunsaturated, in hyperlipidemia, 563–564
Fecundity, shiftwork effects on, 1065
Felodipine, in angina, 625
Fenofibrate, in coronary artery disease prevention, 535
in hyperlipidemia, 573–574
Fertility, reduced, in occupational exposures, 1040
Fetal alcohol syndrome, prevention of, 3–4, 77–78
Fetal solvent syndrome, 108
Fetus, assessment of, in vaginal bleeding, 138–139
methods for, 96
exsanguination of, in vasa previa, 143
growth retardation of, 93
in occupational exposures, 1043
Fibers, dietary, in hyperlipidemia, 567–568
occupational exposure to, 887–888
Fibrillin defects, heart disease in, 769
Fifth disease (erythema infectiosum), 357–358, 367
in pregnancy, 24
Filiform warts, 424
Finasteride, in alopecia, 325
Finger(s), blistering distal dactylitis of, 466
pebbling of, in diabetes mellitus, 375
trigger, work-related, 858
white, of occupational origin, 859–860
Fissures, definition of, 284
Flat warts, 427
Flecainide, in atrial arrhythmias, 694, 703
Florida grin, from mango allergy, 496
Fluconazole, in fungal infections, 415, 417
in onychomycosis, 347
in tinea pedis, 418
Fluocinolone, in psoriasis, 392, 398
Fluocinonide, in psoriasis, 398
Fluoroquinolones, in external otitis, 469–470
5-Fluorouracil, in actinic keratosis, 440–441
in warts, 431
Flurandrenolide, in psoriasis, 398
Fluticasone, in psoriasis, 398
Flutter, atrial, 692–693
Fluvastatin, in coronary artery disease prevention, 535
in hyperlipidemia, 572, 574
Folic acid supplementation, in periconception care, 2
in pregnancy, 105–106
Folliculitis, 464–465
alopecia in, 331
pityrosporum, 414
Pseudomonas aeruginosa, 468
Food allergy, with atopic dermatitis, 504
Food and Drug Administration, drug safety categories of, for pregnancy, 37–39
Foot, tinea infections of, 410–412, 417–418
Forced expiratory flow, in occupational lung diseases, 1012–1013
Forced expiratory volume in one second, in occupational lung diseases, 1012–1013
Forced vital capacity, in occupational lung diseases, 1012–1013
Forearm, tendonitis of, work-related, 856–858
Formaldehyde and formalin, in warts, 429
occupational exposure to, 934–936, 1094
Formic acid, occupational exposure to, 918–921
Friction blisters, treatment of, 480–482
Friedewald equation, for lipid measurement, 548–549
Fungal infections, **407–421**
definitions in, 407–408
dermatophytosis. See *Dermatophytosis*.
in diabetes mellitus, 374
of nails (onychomycosis), 344–347
treatment of, 415–419
yeast, 413–415
Furosemide, in heart failure, 663
Furuncles, 465–466

Gallivardin's phenomenon, in aortic stenosis, 728
Garlic, in hyperlipidemia, 568–569
Gases, occupational exposure to. See specific gases.
Gastroesophageal reflux, in pregnancy and lactation, drugs for, 48
Gastrointestinal disorders, in pregnancy and lactation, drugs for, 47–49
in shiftwork, 1062

Gemfibrozil, in coronary artery disease prevention, 535, 554
in hyperlipidemia, 574
Gender differences, in heart disease, 526–528. See also *Women, heart disease in.*
Genetic counseling, in periconception care, 6
in pregnancy, 76–77
Genetic factors, in heart disease, 769–770
coronary artery, 745
in pediatric patients, 768–769
Genital infections, herpes, in pregnancy and lactation, 26–27, 42
labor and delivery in, 94
prenatal screening for, 61, 63
warts, in pregnancy and lactation, drugs for, 42
Genital psoriasis, 392–393
Gentamicin, in pyelonephritis, in pregnancy, 16
German measles (rubella), 355–356, 367
in pregnancy, 3, 24–25, 109
Gestational diabetes, history of, 5
screening for, 65–67
Gianotti-Crosti syndrome, 360–361, 368
Gloves, latex, allergic reactions to, 1095–1096
Glutaraldehyde, in warts, 429
occupational exposure to, 1095
Golfer's elbow, work-related, 855
Gonorrhea, in pregnancy and lactation, 17–18, 42
Gram-negative folliculitis, 464
Granuloma annulare, in diabetes mellitus, 377–378
Great arteries, transposition of, in pediatric patients, 772
Griseofulvin, in fungal infections, 416
in onychomycosis, 347
in tinea capitis, 330
Groin, tinea infections of, 412, 418
Guanabenz, in hypertension, 602–603
Guttate psoriasis, 389–390

Haemophilus influenzae cellulitis, 460–464
Hair disorders, **319–332**
alopecia, androgenic, 323–326
classification of, 321–322
evaluation of, 322–323
nonscarring, 323–330
scarring, 330–331
traction, 330
alopecia areata, 327–329
anatomic considerations in, 319–321
generalized, 322
localized, 322
telogen effluvium, 326–327
tinea capitis, 330
trichotillomania, 329
Hair pluck test, in hair disorders, 323
Halcinonide, in psoriasis, 398
Halobetasol, in psoriasis, 398
Hand, tinea infections of, 412
work-related disorders of, evaluation of, 848–849
risk factors for, 847–848
treatment of, 849
Hand–arm vibration syndrome, 859–860
Hard-metal disease, 1026
Headache, in nitroglycerin exposure, 937–939
in pregnancy and lactation, drugs for, 50
Health care workers, occupational exposures of, **1079–1102**
biological hazards, 1080–1092
airborne transmission of, 1086–1092
blood-borne pathogens, 1081–1086
fecal-oral transmission of, 1086–1092
chemical hazards, 1092–1096
ergonomic hazards, 1096–1097
immunizations for, 1089–1092
physical hazards, 1096–1098
psychosocial hazards, 1098–1099
reproductive disorders in. See *Reproductive disorders, occupational.*
Hearing loss, in noise exposure, 889
Heart, carbon monoxide toxicity to, 961–963
disease of, diagnosis of. See also specific techniques and diseases.
interpretation of, 785–789
pregnancy in, in adolescents, 780–782
murmurs of, in valvular disease, 725–728. See also specific diseases.
remodeling of, in heart failure, 658
transplantation of, in heart failure, 671
in pediatric patients, 782–783
valvular disease of. See *Valvular heart disease.*
Heart block, in myocardial infarction, 640
sinoatrial, 684
Heart failure, **651–675**
diagnosis of, 657–661, 796–797
diastolic, treatment of, 668
economic costs of, 651
epidemiology of, 651
impairment assessment in, 661–662
in aortic stenosis, 728
in hypertension, 609
in women, 761–762
kidney function evaluation in, 661–662
mortality in, delaying, 664–668
pathophysiology of, 652–655
prevention of, 655–657
prognosis for, 661–662
risk factors for, 652–655

screening for, 671–672
systolic, 652–655
treatment of, cardiologist consultation in, 671
case management strategy in, 670
diastolic, 668
goals of, 651–652
patient participation in, 668–670
pharmacologic, 662–668
type of, 657–661
volume status assessment in, 661–662
Heart sounds, in heart failure, 658
Heat, extreme, occupational exposure to, 888–889, 1042, 1097
Hematomas, subungual, 487–490
Hematuria, in arsine exposure, 973–974
Hemoglobin, carbon monoxide binding to, 960
Hemolysis, in arsine exposure, 973–974
Hemorrhage, vaginal. See *Vaginal bleeding*.
Henoch-Schönlein purpura, 363–364, 368
Hepatitis, viral, in pregnancy, 28–29
Hepatitis B, transmission of, to health care workers, 1082–1084
Hepatitis C, transmission of, to health care workers, 1084–1085
Herbal remedies, in maternity care, 119–121, 124, 129, 131–132
Herbicides, occupational exposure to, 951–955
reproductive disorders in, 1048
Herpes simplex virus infections, in pregnancy and lactation, 26–27, 42
labor and delivery in, 94
occupational, 1092
HIV infection. See *Human immunodeficiency virus infection*.
Holter monitoring, in atrial arrhythmias, 679
Homeopathy, in maternity care, 121–122, 124, 128–130
Homocysteinemia, coronary artery disease in, 531–532, 744
Hot tubs, *Pseudomonas aeruginosa* infections from, 468
Human chorionic gonadotropin measurement, in pregnancy, 73, 88
Human herpesvirus 6 infections (roseola infantum), 356–357, 367
Human immunodeficiency virus infection, in pregnancy and lactation, 21–23, 86–87
drugs for, 42
labor and delivery in, 94
transmission of, to health care workers, 1081–1082
Human papillomavirus infections, in pregnancy, 27–28
warts in, 423–424
Hydralazine, in heart failure, 665–666
in hypertension, 602
Hydrochloric acid, occupational exposure to, 918–921
Hydrochlorothiazide, in hypertension, 600
Hydrocortisone, in atopic dermatitis, 511
in psoriasis, 393, 398
Hydrofluoric acid, occupational exposure to, 918–921
Hydrogen cyanide, occupational exposure to, 963–966
Hydrogen sulfide, occupational exposure to, 966–967
Hydrotherapy, in maternity care, 130
Hydroxycobalamin, in cyanide poisoning, 965–966
Hydroxyquinoline, in atopic dermatitis, 511
Hydroxyzine, in atopic dermatitis, 511
Hyperaldosteronism, hypertension in, 593
Hyperbaric oxygen therapy, for carbon monoxide poisoning, 963
Hypercholesterolemia. See *Hyperlipidemia*.
Hyperemesis gravidarum, drugs for, 47–48
Hyperglycemia, prenatal screening for, 65–67
Hyperlinearity, palmar or plantar, in atopic dermatitis, 508
Hyperlipidemia, **541–587**
classification of, 544–547
coronary artery disease in, 528, 534–535
in women, 742–743
diagnosis of, 544–552
history in, 544
lipid measurements in, 547–552
physical examination in, 547
risk factor evaluation in, 544–547
epidemiology of, 541–543
familial, types of, 542
in myocardial infarction, 644–645
pathophysiology of, 543–544
screening for, 557–560
in pediatric patients, 557–559, 579
treatment of, 560–579
cardiac morbidity effects of, 552–555
dietary, 561–569, 743–744
ethnic factors in, 578–579
exercise in, 570
in elderly persons, 577–578
in myocardial infarction, 644–645
in pediatric patients, 579
in women, 575, 577
pharmacologic, 555–556, 570–576
statins in, 555–556
Hyperlipoproteinemia. See *Hyperlipidemia*.
Hypersensitivity pneumonitis, occupational, 1020–1023
Hypertension, **589–614**
adrenal, 593
asymptomatic, 595

Hypertension (*continued*)
cerebrovascular disease in, 609–610
classification of, 593–595
clinical features of, 595–596
complications of, 608–610
coronary artery disease in, 529, 535, 609, 746–747
diagnosis of, 591, 596–599
emergency in, 594
epidemiology of, 589, 755–756
essential, 591–592
heart failure in, 609, 655–656
in pediatric patients, 773, 777–778
in pregnancy and lactation, 45, 86
in shiftwork, 1063
isolated systolic, 595
nephropathy in, 609
pathology and pathophysiology of, 589–591
renal and renovascular, 592–593, 596–598
retinopathy in, 608–609
secondary, 591–592
treatment of, 599–610
alpha blockers in, 601
angiotensin-converting enzyme inhibitors in, 602
beta-blockers in, 600–601
calcium channel blockers in, 601
centrally acting drugs in, 602–603
diuretics in, 600
ethnic factors in, 603–605
goals of, 599
in coronary artery disease prevention, 535
in diabetes mellitus, 603
in elderly persons, 605–606
in pediatric patients, 603
in pregnancy, 606–607
in surgical patients, 607
in women, 756–758
nonpharmacologic, 599
resistance to, 608
vasodilators in, 602
types of, 591–595
urgency in, 594–595
venous, in heart failure, 658
Hyperthermia, occupational, 888–889, 1042
Hyperthyroidism, in pregnancy and lactation, drugs for, 49
Hypertriglyceridemia, familial, 542
in diabetes mellitus, eruptive xanthomas in, 380–381
Hypertrophic cardiomyopathy, 768
Hypnosis, in maternity care, 127–128
Hypoplastic left heart complex, 772
Hyposensitization, for *Rhus* dermatitis, 498–499
Hypotension, in myocardial infarction, 637
Hypothermia, occupational, 889
Hypothyroidism, in pregnancy and lactation, drugs for, 49

Ibutilide, in atrial arrhythmias, 695, 697, 702–703
Ichthyosis vulgaris, in atopic dermatitis, 507
Id reaction, in tinea pedis, 412
Immune globulin, in rubeola, 355
Immunization, for health care workers, 1089–1092
in periconception care, 2–3
in pregnancy, 13–14
Immunoglobulin E, excess of, in atopic dermatitis, 504–505
Immunosuppression, in sun exposure, 436
Impetigo, 459–460
Independent medical examiner, for workers' compensation, 838–841
Industrial hygienists, functions of, 884
Infantile polyarteritis (Kawasaki syndrome), 359, 367, 773–774
Infection(s). See also specific infections.
fungal. See *Fungal infections.*
in atopic dermatitis, 511
in diabetes mellitus, 372–375
in pregnancy, **13–33,** 1042
antibiotics for, 14
bacteriuria, 14–15
chlamydial, 30
cystitis, 15–16
cytomegalovirus, 25–26, 87, 108–109
drugs for, 39–45
genital tract, screening for, 61, 63
gonorrhea, 17–18
hepatitis, 28–29
herpes simplex, 26–27, 42, 94
human immunodeficiency virus, 21–22, 86–87
human papillomavirus, 27–28
immunization for. See *Immunization.*
occupational, 1050
parvovirus, 24
parvovirus B19, 87, 108
pyelonephritis, 16–17
risks of, 76, 108–109
rubella, 3, 24–25, 109
streptococcal group B, 19–21
syphilis, 18–19
toxoplasmosis, 87
trichomoniasis, 29–30
varicella, 23, 109
in tinea pedis, 412
occupational, 1080–1092
airborne transmission of, 1086–1092
blood-borne, 1081–1086
fecal-oral transmission of, 1086–1092

of skin, 906–909
reproductive disorders in, 1050
of nail folds (paronychia), 344, 374–375, 462
of skin, bacterial. See *Bacterial infections, of skin.*
occupational, 906–909
of subungual hematoma, 490
Inflammatory acne, 291–292, 304
Inflammatory bowel disease, in pregnancy and lactation, drugs for, 48
Inhalation fevers, occupational, 1023–1024
Insulin, resistance to, hypertension in, 590–591
skin disorders due to, 381
Integrative medicine. See *Alternative medicine.*
Interleukin(s), in *Rhus* dermatitis, 497
Internet, occupational medicine resources on, 891–892
Intertrigo, 415
Intrauterine growth retardation, risk assessment for, 93
Inverse psoriasis, 393–394
Iodochlorhydroxyquin cream, in *Rhus* dermatitis, 500
Iron supplementation, in pregnancy, 106
Irrigation, of acid burns, 920–921
Irritant gases, occupational exposure to, 967–973, 1015–1016
Irritant rhinitis, occupational, 1002–1004
Ischemic preconditioning, of myocardium, 617
Isoflavone, in coronary artery disease prevention, 761
Isosorbide dinitrate, in heart failure, 666
Isotretinoin, in acne, 299–302
in rosacea, 316
lipid effects of, 576
Isradipine, in angina, 625
Itch-scratch-itch cycle, in atopic dermatitis, 504
Itraconazole, in fungal infections, 415–417
in onychomycosis, 347
in pityriasis versicolor, 418–419
in tinea corporis, 418
in tinea pedis, 418

Jaundice, in arsine exposure, 973–974
Jet lag, versus shiftwork lag, 1060
Jones criteria, for rheumatic heart disease, 774

Kawasaki disease, 359, 367, 773–774
Keratoacanthomas, versus squamous cell carcinoma, 453
Keratolytics, in psoriasis, 391–392, 397
Keratosis, actinic, 439–444
Keratosis pilaris, in atopic dermatitis, 506–507
Kerion, hair loss in, 330
Ketoconazole, in fungal infections, 415–416
Kick counts, in fetal assessment, 95
Kidney, dysfunction of, hypertension in, 592–593, 596–598
in cadmium exposure, 993–994
in lead poisoning, 986–987
failure of, in hypertension, 609
function of, assessment of, in heart failure, 661–662
infection of, in pregnancy, 16–17
Koebner phenomenon, in psoriasis, 389
Koplik spots, in rubeola, 355

Labetalol, in angina, 624–625
Labor and delivery, after previous Cesarean section, 94
breech presentation version in, alternative medicine for, 127–128
comfort measures in, alternative medicine for, 129–131
herpes simplex virus infection effects on, 94
HIV infection effects on, 94
induction of, alternative medicine in, 128–129
management of, 93–94
pain relief in, alternative medicine for, 129–131
premature, alternative medicine for, 128
Lacerations, repair of, tissue adhesives in, 475–478
Lactation, alternative medicine in, 131–132
drug use in, in pregnancy and lactation. See *Drug(s), in pregnancy and lactation.*
Laryngitis, occupational, 1005
Larynx, cancer of, occupational, 1007
Lasers, occupational exposure to, 1098
Latex gloves, allergic reactions to, 1095–1096
Lead, occupational exposure to, 984–988
Legal issues, in workers' compensation, 842–843
Leukonychia, 335
Lice, in pregnancy and lactation, drugs for, 43
Lichen planus, 342–344, 380
Lichenification, 285
Life support, advanced, in obstetrics, 97
Lipodystrophy, in insulin therapy, 381

Lipoproteins, excess of. See *Hyperlipidemia.*
levels of, in coronary artery disease prevention algorithms, 545–547
measurement of, 548–552
Lisinopril, in heart failure, 665
Liver, angiosarcoma of, in vinyl chloride exposure, 956–957
congestion of, in heart failure, 658
disorders of, in nitrosamine exposure, 940–941
Long QT syndrome, 719–720
Loofah sponges, *Pseudomonas aeruginosa* infections from, 468
Lovastatin, in coronary artery disease prevention, 535, 553–556
in hyperlipidemia, 572, 574
Low back pain. See *Back pain.*
Lubricants, in psoriasis, 397
Lung, occupational diseases of, **1009–1037**. See also *Pneumoconioses.*
asbestos-related, 1028–1029
assessment of, 882–883
asthma, 1016–1020
cancer, 1034–1036
chronic bronchitis, 1030–1032
evaluation of, 1010–1014
hypersensitivity pneumonitis, 1020–1023
in acid exposure, 919–921
in acrylonitrile exposure, 926–927
in phosgene exposure, 969
inhalation fevers, 1023–1024
metal-induced, 1024–1026
pleural, 1032–1034
silicosis, 1027
toxic inhalation injury, 1015–1016
Lymphadenopathy, in rubella, 356
Lymphedema, in erysipelas, 460–462

Macules, definition of, 280–281
Magnetic resonance imaging, in heart disease, 793
Malassezia furfur infections, 413–414
Male pattern baldness, 323–326
Malformations, prenatal screening for, 63–65
Malignant external otitis, 469–470
Manganese, occupational exposure to, 994
Marfan's syndrome, heart disease in, 769
Massage, in maternity care, 122
Material Safety Data Sheets, 816, 890–891, 1045
Maternity care. See also *Pregnancy.*
alternative medicine in, **117–136**
analgesia in, **203–220**
drug use and, **35–53**
exercise in, 112
in anemia, 195–199
in breast-feeding, 237–246
in diabetes mellitus, 191–194
in ectopic pregnancy, **169–183**
in hypertensive disorders, 185–191
in infections, **13–33**
in normal labor, **221–236**
in spontaneous pregnancy loss, **153–167**
newborn care issues and, **251–267**
nutrition in, 105–107
periconception, **1–12**
postpartum. See *Postpartum period.*
prenatal screening in, **55–69**
risk assessment in, **71–103**
sexual activity in, 112–113
teaching of, to family-medicine residents, 96–97
vaginal bleeding in, **137–151**
work issues in, 108–111
Maze procedure, for atrial fibrillation, 704
Measles, German (rubella), 355–356, 367
in pregnancy, 3, 24–25
red (rubeola), 354–355, 367
Median nerve, compression of, in carpal tunnel syndrome, 858–859
Mees' lines, 349, 992
Melanoma, from indoor tanning, 438
occupational, 909–910
subungual, 336–338
Melanonychia, longitudinal, 336–338
Membranes, premature rupture of, risk assessment for, 93
Meningitis, in meningococcemia, 361
Meningococcemia, 361–362, 368
Menopause, estrogen deficiency in. See *Estrogen, deficiency of.*
Mental health, shiftwork effects on, 1068–1069
Mercury, occupational exposure to, 988–991, 1094
Mesothelioma, 1033–1034
Metals, occupational exposure to, 884–885, **983–996**
arsenic, 991–993
beryllium, 1024–1025
cadmium, 993–994
chromium, 994
diagnosis of, 984
hard metal alloy, 1026
in health care workers, 1094
interstitial lung disease in, 1024–1026
lead, 984–988
manganese, 994
mercury, 988–991, 1094
nickel, 994–995
reproductive disorders in, 1041, 1046
tin, 995
treatment of, 984
Metastasis, from skin cancer, 457
Methane, occupational exposure to, 958–959

Methemoglobin formation, in aromatic amine exposure, 928–929
in cyanide poisoning treatment, 965
Methotrexate, in psoriasis, 342, 392, 403
Methyl methacrylate, occupational exposure to, 1094
Methyldopa, in hypertension, 602–603
Methylene blue, in aromatic amine poisoning, 929
Methylenedianiline, occupational exposure to, 927–929
Methylergonovine, in uterine atony, 145
Metolazone, in heart failure, 663
Metoprolol, in angina, 624–625
in atrial arrhythmias, 694
in heart failure, 667
Metronidazole, in rosacea, 315–316
in trichomoniasis, in pregnancy, 30
Microalbuminuria, in hypertension, 597
Microsporum infections. See *Dermatophytosis.*
Migraine headache, in pregnancy and lactation, drugs for, 50
Milia, definition of, 285
Minocycline, in acne, 299
in rosacea, 315
Minoxidil, in alopecia, 324–325, 329
in hypertension, 602
Miscarriage. See *Abortion, spontaneous.*
Mitochondrial cardiomyopathy, 768
Mitral valve, prolapse of, 727, 733–734
regurgitation of, 727, 732–733
in pediatric patients, 771–772
stenosis of, 727, 734–736
Moisture, of skin, 279
Mometasone, in psoriasis, 398
Morphine, in myocardial infarction, 632, 635
Mosaic warts, 426
Mucocutaneous lymph node syndrome (Kawasaki syndrome), 359, 367, 773–774
Muehrcke's lines, 349–350
Multifocal atrial tachycardia, 691
Mupiricin, in furuncles, *466*
in impetigo, 459–460
Murmurs, in valvular disease, 725–728. See also specific diseases.
Muscle relaxants, in back pain, 871
Musculoskeletal disorders, occupational, upper extremity, **845–864**
Myocardial infarction, **631–649**
angina in. See *Angina.*
complications of, 637–641
diagnosis of, 631–635, 646–647, 794–796
epidemiology of, 631
heart failure in, 656
in women, 747, 752
mortality in, 631
observation of, 641–642
pathophysiology of, 543–544
patient education on, 636
prevention of, 643–648
recurrent, 638–639
risk stratification tests in, 636
secondary prevention in, 552–554
treatment of, 633–637
future directions in, 646–648
in chest pain centers, 641–642
post hospital, 642–643
ventricular arrhythmias in, 720–721
Myocardial ischemia, angina in. See *Angina.*
in shiftwork, 1063
silent, 628
Myocardial perfusion imaging, in coronary artery disease, 749–750
Myocarditis, in pediatric patients, 778
Myocardium, ischemic preconditioning of, 617
Myxoid cysts, of nails, 347–348

Naftifine, in fungal infections, 415
Nagele's rule for confinement date, 74
Nail disorders, **333–351**
anatomic considerations in, 333–335
Beau's lines, 348–349
biopsy in, 338
discoloration, 336–338
examination in, 335
in diabetes mellitus, 374–375
in systemic disease, 348–350
lichen planus, 342–344
Mees' lines, 349
melanonychia, 336–338
Muehrcke's lines, 349–350
myxoid cysts, 347–348
onychomycosis, 344–347
paronychia, 344, 374–375, 462
periungual warts, 425
pincer nails, 348
psoriasis, 338–342, 392
subungual hematomas, 487–490
subungual melanoma, 336–338
versus benign changes, 335
versus normal variants, 335
Naphthalene, occupational exposure to, 947–949
National Cholesterol Education Program, algorithms of, 545–547
dietary recommendations of, 562–567
hyperlipidemia treatment recommendations of, 570
lipid screening recommendations of, 557–560

Nausea, in pregnancy and lactation, alternative medicine for, 124
drugs for, 47–48
Neck, work-related disorders of, evaluation of, 848–849
risk factors for, 847–848
treatment of, 849
Necrobiosis lipoidica, in diabetes mellitus, 376–377
Neisseria infections, transmission of, to health care workers, 1088
Neonates, *Chlamydia trachomatis* infections in, 31
congenital rubella syndrome in, 24–25
cytomegalovirus infections in, 25–26
gonorrheal ocular infections in, 17–18
herpes simplex virus infections in, 26–27, 94
HIV prevention in, 22
human papillomavirus infections in, 27–28
infections in, streptococcal group B, 19–21
parvovirus B19 infections in, 24
varicella prevention in, 23
viral hepatitis in, 28–29
Neural tube defects, prenatal screening for, 88
prevention of, 2
Neurologic disorders, in occupational exposures, acrylamide, 924–925
arsenic, 992
carbon disulfide, 930–931
carbon monoxide, 961–963
cyanide, 964–965
ethylene oxide, 933
mercury, 989
styrene, 950–951
in pregnancy and lactation, drugs for, 50
Neurologic examination, in back pain, 869
New York Heart Association, angina classification of, 620–621
functional classification of, 661–662
Niacin, in hyperlipidemia, 535, 571–572, 574–575
Nicardipine, in angina, 625
Nickel, occupational exposure to, 994–995
Nicotinic acid, in hyperlipidemia, 535, 571–572, 574–575
Nifedipine, in angina, 625
in hypertension, 601
Night work. See *Shiftwork.*
Nitrates, in angina, 622–624
in heart failure, 665–666
Nitric acid, occupational exposure to, 918–921
Nitric oxide, as vasodilator, 590
Nitrobenzene, occupational exposure to, 927–929
Nitrofurantoin, in bacteriuria, in pregnancy, 15
Nitrogen dioxide, occupational exposure to, 970–972
Nitrogen gas, occupational exposure to, 958–959
Nitroglycerin, in angina, 622–624
in hypertension, 602
occupational exposure to, 936–939
Nitroprusside, in hypertension, 602
Nitrosamines, occupational exposure to, 939–941
Nodules, acne, 291–292
definition of, 280, 282
Noise, occupational exposure to, 889
in health care workers, 1098
reproductive disorders in, 1042, 1050
Nonsinus atrial rhythm, 686
Nonsteroidal anti-inflammatory drugs, in back pain, 871
Nonstress test, in fetal assessment, 96
Nose, cancer of, occupational, 1006–1007
inflammation of. See *Rhinitis.*
septal perforation of, in occupational exposures, 1004
Nutrition, in periconceptional care, 8
in pregnancy, 105–107
Nuts, in hyperlipidemia, 569
Nystatin, in fungal infections, 415

Obesity, coronary artery disease in, 530, 744
heart failure in, 656–657
Obsessive-compulsive disorder, trichotillomania in, 329
Occupational medicine, **813–829**
approach in, **877–893**
back pain, **865–875**
case studies of, 813–814, 878–881
chemical exposures. See *Chemicals.*
confidentiality in, 821–822
consultant use in, 819–820
continuing education on, 826–827
diagnosis in, 815–818
disability prevention in, 824–825
epidemiology of, investigations on, 825–826
exposure in, 815–816
family care in, 820–821
follow-up in, 825
hazards in, 884–890. See also specific hazards.
health care industry, **1080–1102**
history in, 878–881
in pregnancy, 75–76, 108–111
information on, 890–892
laboratory testing in, 816–817, 882

latency considerations in, 883–884
maximizing function in, 824–825
metal exposures. See *Metals.*
patient education in, 822–824
physical examination in, 881–882
psychosocial issues in, 820
pulmonary assessment in, 882–883
reproductive problems. See *Reproductive disorders, occupational.*
respiratory disorders. See *Lung, occupational diseases of; Respiratory disorders, in occupational exposures.*
scientific disciplines related to, 883–884
shiftwork issues, **1057–1078**
short-term exposures in, 885–886
skin diseases, **895–915**
treatment in, 818–819
upper extremity musculoskeletal disorders, **845–864**
workers' compensation and, **831–844,** 890
2-Octylcyanoacrylate, in laceration repair, 475–478
Olfactory disorders, occupational, 1004–1005
Onychomycosis, 344–347
Oral contraceptives, heart disease and, 758
in acne, 303
Orbital cellulitis, 462–463
Ortho-toluidine, occupational exposure to, 927–929
Osteopathic medicine, in maternity care, 122–123
Osteoporosis, in cadmium exposure, 994
Otitis, external, 469–470
Oxiconazole, in fungal infections, 416
Oxygen deficiency, myocardial, angina in. See *Angina.*
Oxygen therapy, for carbon monoxide poisoning, 962–963
for toxic inhalation injury, 1016
Oxytocin, in uterine atony, 145
Ozone, occupational exposure to, 972

Pacemaker, for atrial fibrillation, 704
Pain, back. See *Back pain.*
chest. See *Angina; Chest pain.*
upper extremity, without physical findings, work-related, 861–862
Palpitations, in atrial arrhythmias, 678
Papular acrodermatitis of childhood (Gianotti-Crosti syndrome), 360–361, 368
Papules, acne, 291
definition of, 280–281
pigmented, in diabetes mellitus, 373
Paronychia, 344, 374–375, 462
Parvovirus B19 infections (erythema infectiosum), 357–358, 367
in pregnancy, 24, 87, 108
transmission of, to health care workers, 1088, 1091
Passenger restraints, in periconception care, 5
Patent ductus arteriosus, 771
PCBs (polychlorinated biphenyls), occupational exposure to, 944–946
Peak expiratory flow rate, in occupational lung diseases, 1013
Pediatric patients, exanthems in. See *Exanthems, in* pediatric patients.
heart disease in, **767–784**
acquired, 772–775
arrhythmias, 778–779
atrial septal defect, 777–778
congenital, 769–772
coronary artery disease, 579
dilated cardiomyopathy, 775
genetic factors in, 768–769
heart transplantation in, 782–783
hypertrophic cardiomyopathy, 768
in pregnancy, 780–782
Kawasaki disease, 359, 367, 773–774
Marfan's syndrome, 769
mitochondrial myopathy, 768
myocarditis, 778
patent ductus arteriosus, 777–778
prevention of, 779–780
rheumatic, 774–775
sports participation and, 775–779
sudden death in, 778
supravalvular aortic stenosis, 769
velo-cardio-facial syndrome, 769
ventricular septal defect, 777–778
hyperlipidemia in, 557–559, 579
hypertension in, 603, 773, 777–778
occupational exposures of, 821
psoriasis in, 390–391
warts in, 432
Penicillin, in pyelonephritis, in pregnancy, 16
in streptococcal group B infections, postpartum, 19–21
in syphilis, in pregnancy, 18–19
Penicillin G, in meningococcemia, 362
Penis, psoriasis of, 393
Pentachlorophenol, occupational exposure to, 941–944
Pentadecylcatechols, of *Toxicodendron,* 494, 496
Peptic ulcer disease, in shiftwork, 1062
Perforating dermatoses, in diabetes mellitus, 379–380
Perianal cellulitis, 463–464
Pericarditis, in myocardial infarction, 638

Periconception care, **1–12**
alcohol use issues in, 3–4
anticipatory guidance in, 8–9
drug abuse issues in, 4
folic acid supplementation in, 2
genetic counseling in, 6
gestational diabetes history and, 5
immunizations in, 2–3
passenger restraints in, 5
preterm birth history and, 5
risk assessment and reduction in, 3–6
screening tests in, 7–8
teratogen avoidance in, 6
tobacco use in, 4–5
vitamin supplementation in, 2
Periungual telangiectasia, in diabetes mellitus, 376
Periungual warts, 425
Personality, coronary artery disease risk and, 532
Pesticides, exposure to, 886–887
reproductive disorders in, 1041, 1048
Petechiae, definition of, 286
in meningococcemia, 361
Phenol, in actinic keratosis treatment, 443
occupational exposure to, 1095
p-Phenylenediamine, occupational exposure to, 927–929
Phosgene, occupational exposure to, 969
Phosphoric acid, occupational exposure to, 918–921
Phototherapy, for psoriasis, 342, 399–402
Phytoestrogens, in coronary artery disease prevention, 761
Pica, in pregnancy, 107
Pigmentation disorders, in sun exposure, 435–436
of nails, 336–338
Pigmented pretibial papules, in diabetes mellitus, 373
Pigmented purpuric dermatosis, in diabetes mellitus, 373
Pincher nails, 348
Pindolol, in angina, 624–625
Pityriasis alba, in atopic dermatitis, 507
Pityriasis versicolor, 418–419
Placenta, abruption of, 141–142
circumvallate, 142–143
retained, 146–147
Placenta accreta, 146–147
Placenta previa, 138–141
Plantar warts, 425–427
Plaques, definition of, 280, 282
in psoriasis, 387, 389
Pleural disorders, occupational, 1032–1034
Pneumoconioses, 888, 1026–1030
asbestosis, 1028–1029
coal worker's, 1029–1030
silicosis, 1026–1028
vinyl chloride, 956
Pneumonia, in pregnancy and lactation, drugs for, 46
Pneumonitis, hypersensitivity, occupational, 1020–1023
Podophyllin, in warts, 430
Poison ivy/oak/sumac. See *Rhus dermatitis.*
Poisoning, in occupational exposures. See *Chemicals, occupational exposure to; Metals, occupational exposure to.*
Polyarteritis, infantile (Kawasaki syndrome), 359, 367, 773–774
Polychlorinated biphenyls, occupational exposure to, 944–946
Polycyclic aromatic hydrocarbons, occupational exposure to, 946–949
Polyvinyl chloride, occupational exposure to, 955–957
Porphyria cutanea tarda, occupational, in dioxin exposure, 954
Positron emission tomography, in coronary artery disease, 750
in heart disease, 793
Postpartum period, 246–248
alternative medicine in, 131
depression in, prenatal screening for, 60–62
endometritis in, drugs for, 43
risk assessment for, 94
streptococcal group B infections in, 19–21
vaginal bleeding in, 144–148
Potash, occupational exposure to, 921–923
Potassium carbonate, occupational exposure to, 921–923
Potassium hydroxide, occupational exposure to, 921–923
Potassium hydroxide test, for fungal infections, 408–409
Pravastatin, in coronary artery disease prevention, 535, 552–556
in hyperlipidemia, 572, 574, 577
in myocardial infarction secondary prevention, 552–555
Prayer, in maternity care, 123
Prednisone, in atopic dermatitis, 511
in lichen planus, 343–344
Preeclampsia, 607
Pregnancy. See also *Maternity care.*
alternative medicine in. See *Alternative medicine, in maternity care.*
confinement date calculation in, 74
diagnosis of, 73
drug use in. See *Drug(s), in pregnancy and lactation.*
exercise in, 112
genetic counseling in, 76–77
history in, 74–76
hypertension in, 606–607
in heart disease, in adolescents, 780–782

infections in. See *Infection(s), in pregnancy.*
laboratory studies in, 82–85
nutrition in, 105–107
occupational hazards in. See *Reproductive disorders, occupational.*
periconception. See *Periconception care.*
physical examination in, 82
postdate, risk assessment for, 93
prenatal screening in. See *Prenatal screening.*
problems with, in shiftwork, 1064–1065
risk assessment in. See *Risk assessment, in maternity care.*
sexual activity in, 112–113
teratogenic period in, 36
vaginal bleeding in, **137–151**
Premature atrial complexes, 682–683
Premature ventricular contractions, 715–718
Prenatal screening, **55–69**. See also *Risk assessment, in maternity care.*
criteria for, 55–56
for alcohol use, 3–4, 77–78
for depression, 60–62
for diabetes mellitus, 65–67
for domestic violence, 56–60
for genital infections, 61, 63
for sexually transmitted diseases, 7
for smoking, 4–5
for socioeconomic issues, 56
periconceptional, 7–8
ultrasonography in, 63–65
Preseptal cellulitis, 462–463
Preterm birth, history of, as risk factor, in periconception care, 5
in shiftwork, 1064
prevention of, genital tract infection screening in, 61, 63
Preterm labor, risk assessment for, 91–93
Prinzmetal's angina, 617
Procainamide, in atrial arrhythmias, 694, 697
Progressive massive fibrosis, in silicosis, 1027
Propafenone, in atrial fibrillation, 703
Propionibacterium acnes, in acne, 289–290, 294, 297–299, 304
Propionic acid, occupational exposure to, 918–921
Propranolol, in atrial arrhythmias, 694
Prosthetic heart valves, 737–738. See also specific diseases.
in pregnancy and lactation, drugs for, 45
Pruritus, in atopic dermatitis, 504–506
in *Rhus* dermatitis, 497–498
Pseudomonas aeruginosa infections, 467–471
Psoralen plus ultraviolet phototherapy, in psoriasis, 342, 401–402
Psoriasis, **385–406**
clinical features of, 339–341
diagnosis of, 341, 385–386
documentation of, 386–388
epidemiology of, 385
erythrodermic, 394
genital, 392–393
guttate, 389–390
in pediatric patients, 390–391
inverse, 393–394
nail, 338–342, 392
plaque, 387, 389
pustular, 394
quality of life in, 386
scalp, 391–392
severity of, 386
treatment of, 341–342, 394–405
phototherapy in, 399–402
systemic, 401–405
topical, 396–402
types of, 387–394
Psychiatric disorders, in pregnancy and lactation, drugs for, 50–51
Psychosocial issues, in back pain, 866
in health care workers, 1098–1099
in occupational medicine, 820
in shiftwork, 1068
Pulmonary edema, in myocardial infarction, 637
Pulmonary function testing, in occupational lung diseases, 1012–1014
Pulmonary hypertension, in mitral stenosis, 734
Pulsus parvus et tardus, in aortic stenosis, 728
Purpura, definition of, 286
Henoch-Schönlein, 363–364, 368
in meningococcemia, 361
Pustules, acne, 291
definition of, 282
in psoriasis, 394
PUVA (psoralen plus ultraviolet) phototherapy, in psoriasis, 342, 401–402
Pyelonephritis, in pregnancy, 16–17
drugs for, 44

Quality of life, with psoriasis, 386
Quicklime, occupational exposure to, 921–923
Quinidine, in atrial arrhythmias, 694, 697

Racial factors. See *Ethnic factors.*
Radiation exposure, in pregnancy, 75–76, 108
occupational, 889–890

Radiation exposure (*continued*)
in health care workers, 1097–1098
reproductive disorders in, 1042, 1049–1051
Radiation therapy, for skin cancer, 456
Radionuclide studies, in heart disease, 792–793, 796
Raloxifene, in coronary artery disease prevention, 536–537
Ramipril, in heart failure, 665
Rash, in atopic dermatitis, 504
in *Rhus* dermatitis, 497–498
Raynaud's phenomenon, of occupational origin, 859–860
Reactive airways dysfunction syndrome, 1017
Red measles (rubeola), 354–355, 367
Reentrant supraventricular tachycardia, 687–689
Reentry arrhythmias, 710
Regurgitation, aortic, 727, 730–732
mitral, 727, 732–733
Renal hypertension, 592–593
Renin-angiotensin-system, dysfunction of, hypertension in, 592–593
Renography, in hypertension, 598
Renova, in acne, 295
Renovascular hypertension, 592–593, 596–598
Reperfusion syndrome, in myocardial infarction, 634
Reproductive disorders, occupational, **1039–1055**
assessment of, 1043
avoidance of, 1051
exposure level and, 1051
fertility reduction, 1040
hazards causing, 1041–1042, 1044–1051
in dioxin exposure, 953–954
in early pregnancy, 1040, 1043
in later pregnancy, 1043
in lead exposure, 988
in men, 1040–1043, 1046–1051
in mercury exposure, 990–991
in polychlorinated biphenyl exposure, 945–946
in shiftwork, 1064
postnatal effects of, 1043
screening for, 1039–1040
Residents, family-medicine, maternity care teaching to, 96–97
Respiratory disorders, in occupational exposures, **997–1008**. See also *Lung, occupational diseases of.*
ammonia, 970
cadmium, 993–994
carcinoma, 1006
chlorine, 967–968
cyanide, 964–965
ethylene oxide, 931–933
evaluation of, 997–998
formaldehyde, 934–936
host defenses in, 998–999
hydrogen sulfide, 966
laryngitis, 1005
mercury, 989
nasal perforation, 1004
nitrogen dioxide, 970–972
olfactory disorders, 1004–1005
ozone, 972
pentachlorophenol, 943–944
polycyclic aromatic hydrocarbon, 948–949
rhinitis, 999–1004
sulfur dioxide, 972–973
vocal cord dysfunction, 1005–1006
in pregnancy and lactation, drugs for, 39–41, 46–47
Retina, examination of, in hyperlipidemia, 547
Retinoids, in acne, 294–295
in psoriasis, 341, 399
Retinopathy, in hypertension, 608–609
Revascularization, coronary, 637
Rh isoimmunization, in vaginal bleeding, 143–144
Rheumatic fever and heart disease, 774–775
Rhinitis, allergic, in pregnancy and lactation, drugs for, 46
occupational, 99–1004
allergic, 999–1002
irritant, 1002–1004
Rhinophyma, 311, 316–317
Rhus dermatitis, **493–502**
clinical manifestations of, 497–498
crossreacting plants, 494–496
differential diagnosis of, 497–498
pathoimmunology of, 496–497
plants involved in, 494–496
prevention of, 498–499
susceptibility to, 493–494
treatment of, 499–500
Rickettsia rickettsii infections (Rocky Mountain spotted fever), 362–363, 368
Ringworm. See subjects starting with *Tinea.*
Risk assessment, in maternity care, **71–103**
determinants of, 72–73
evidence-based approach to, 72
first trimester, 73–87
in labor and delivery, 93–94
periconceptional, 3–6
postpartum, 94
scoring systems for, 71–72
second trimester, 88–89
teaching of, 96–97
third trimester, 89–93
tools for, 95–96

Ritter's syndrome (staphylococcal scalded skin syndrome), 365–366, 368, 467
Rocky Mountain spotted fever, 362–363, 368
Rosacea, **309–318**
  clinical features of, 310–312
  differential diagnosis of, 314
  epidemiology of, 309
  impact of, 309
  ocular, 314–315
  pathogenesis of, 311, 313–314
  treatment of, 315–317
  tripwires in, 315
Roseola infantum, 356–357, 367
Rotator cuff tendonitis, work-related, 852–853
Rubella, 355–356, 367
  congenital, prevention of, immunization in, 3
  in pregnancy, 3, 24–25, 109
Rubeola, 354–355, 367
Rubeosis faciei, in diabetes mellitus, 375–376

St. Anthony's fire, 461
Salicylic acid, in warts, 428–429
Scabies, in pregnancy and lactation, drugs for, 43
Scalded skin syndrome, staphylococcal, 365–366, 368, 467
Scales, definition of, 283
Scalp, psoriasis of, 391–392
Scarring alopecia, 330–331
Scars, acne, 291, 305
  definition of, 284
  in alopecia, 330–331
  in lichen planus, 343
Scintigraphy, in coronary artery disease, 749–750
  in heart disease, 792–793
  in heart failure, 796
Scleroderma diabeticorum, 375
Seat belt use, in periconception care, 5
  in risk assessment, 77
Sebaceous glands, obstruction of. See *Acne*.
Sedentary lifestyle, coronary artery disease in, 531, 743
Seizures, in pregnancy and lactation, drugs for, 50
Selective estrogen receptor modulators, in coronary artery disease prevention, 536–537, 760
Selenium sulfide, in pityriasis versicolor, 418
Sexual activity, in angina, 627
  in pregnancy, 80, 112–113
Sexually transmitted diseases, in pregnancy, *Chlamydia trachomatis* infections, 31, 41–42
  genital warts, 42
  gonorrhea, 17–18, 42
  herpes simplex virus infection, 26–27, 42, 94
  HIV infection, 21–23, 42
  human papillomavirus infections, 27–28
  syphilis, 18–19, 43
  trichomoniasis, 29–30, 45
  viral hepatitis, 28–29
  screening for, periconceptional, 7
Shampoos, tar-based, in psoriasis, 392
Shiftwork, **1057–1078**
  cardiovascular morbidity in, 1062–1064
  circadian rhythms and, 1057–1059
  countermeasures for, 1070–1071
  gastrointestinal disorders in, 1062
  intolerance of, 1060–1062
  lag in, versus jet lag, 1060
  medical disorders aggravated by, 1065–1068
  medical screening and surveillance for, 1069
  mental health effects of, 1068–1069
  preplacement assessment for, 1069
  reproductive disorders in, 1064–1065
  sleep deprivation in, 1059
Shiftwork maladaptation syndrome, 1062
Shin spots, in diabetes mellitus, 373
Shock, cardiogenic, in myocardial infarction, 637–638
  in meningococcemia, 361
Shoulder, work-related disorders of, 851–854
  bicipital tendonitis, 853–854
  evaluation of, 848–849
  risk factors for, 847–848
  rotator cuff tendonitis, 852–853
  subdeltoid bursitis, 853
  trapezius myalgia, 851
  treatment of, 849
Shunts, circulatory, in pediatric patients, 772
Sick sinus syndrome, 685–686
Silicosis, 1026–1028
Silver sulfadiazine, in burns, 485–486
Simvastatin, in coronary artery disease prevention, 535, 552–553, 556
  in hyperlipidemia, 572, 574
Single photon emission computed tomography, in coronary artery disease, 750
Sinoatrial block, 684
Sinus arrest, 684–685
Sinus arrhythmia, 682
Sinus bradycardia, 680–681
Sinus pause, 683

Sinus rhythms, 679–680
Sinus tachycardia, 681
Sixth disease (roseola infantum), 356–357, 367
Skin, characteristics of, 279–280
Skin disorders, acanthosis nigricans, 378–379
  acne, **289–308**
  actinic keratosis, 439–444
  bacterial, **459–473**
  bullosis diabeticorum, 377
  burns, 482–487
  cancer, occupational, 909–910
  carbuncles, 465–466
  carcinomas, **447–458**
  cellulitis. See *Cellulitis.*
  dermatitis, atopic, **503–513**
    Rhus, **493–502**
  diagnosis of, 277–278
  drug-induced, 380
  erysipelas, 460–462
  erysipeloid, 466
  erythema infectiosum, 357–358, 367
  erythema multiforme, 364–365, 368
  folliculitis. See *Folliculitis.*
  fungal, **407–421**
  furuncles, 465–466
  Gianotti-Crosti syndrome, 360–361, 368
  granuloma annulare, 377–378
  Henoch-Schönlein purpura, 363–364, 368
  impetigo, 459–460
  in diabetes mellitus, **371–383**
  in pregnancy and lactation, drugs for, 51
  infections. See specific infections.
  Kawasaki syndrome, 359, 367, 773–774
  lichen planus, 379
  meningococcemia, 361–362, 368
  necrobiosis lipoidica, 376–377
  normal skin features and, 279–280
  occupational, **895–915**
    acid burns, 919–921
    alkali burns, 921–923
    cancer, 909–910
    categories of, 895–896
    contact dermatitis, 896–903
    contact urticaria, 903–906
    in dioxin exposure, 953–955
    in ethylene oxide exposure, 931–933
    in formaldehyde exposure, 934–936
    in health care workers, 1092, 1095–1096
    in pentachlorophenol exposure, 943
    in polychlorinated biphenyl exposure, 945–946
    in polycyclic aromatic hydrocarbon exposure, 948–949
    in styrene exposure, 950–951
    infectious, 906–909
  pediatric exanthems, **353–370**
  physical examination in, 278
  psoriasis. See *Psoriasis.*
  Rocky Mountain spotted fever, 362–363, 368
  rosacea, **309–318**
  roseola infantum, 356–357, 367
  rubella, 355–356, 367
  rubeola, 354–355, 367
  rubeosis faciei, 375–376
  staphylococcal scalded skin syndrome, 365–366, 368, 467
  sun-induced, **435–445**
  terminology of, **277–287**
  thickening, 375
  trauma, **475–492**
  types of, 280–286
    primary, 280–283
    secondary, 283–284
    special, 285–286
  varicella, 358, 367
  vitiligo, 379
  warts, **423–434**
  xanthomas, 379–380
  yellow color, 376
Skin tags, 280
Slapped cheek appearance, in erythema infectiosum, 357
Sleep, in shiftwork, deprivation of, 1059
  strategies for, 1070
Smell, disorders of, occupational, 1004–1005
Smoking, angina in, 616
  coronary artery disease in, 528–529, 742
    cessation of, 533–534
    screening for, in periconception care, 4–5
    prenatal, 79
Socioeconomic issues, prenatal screening for, 56
Soda ash, occupational exposure to, 921–923
Sodium carbonate, occupational exposure to, 921–923
Sodium hydroxide, occupational exposure to, 921–923
Sodium nitrite, in cyanide poisoning, 965
  in hydrogen sulfide poisoning, 967
Solvents, prenatal exposure to, 108, 1041, 1045
Sotalol, in atrial arrhythmias, 695, 702–704
Soy proteins, in coronary artery disease prevention, 761
  in hyperlipidemia, 569
Spectinomycin, in gonorrhea, in pregnancy, 17
Sperm abnormalities, in occupational exposures, 1040
  hazards causing, 1041–1043, 1046–1051
  heavy metals, 1046
SPF (sun protection factor), 436–437, 439

Spinal pain. See *Back pain.*
Spiritual healing, in maternity care, 123
Spiritual history, in pregnancy risk assessment, 81
Spirometry, in occupational lung diseases, 1012–1014
Spironolactone, in heart failure, 663
Sports, in pregnancy, 80–81
  screening for, for heart disease, 775–779
    for sudden death risk, 712–715, 778
Squamous cell carcinoma, of skin. See *Cancer, skin.*
Staphylococcal scalded skin syndrome, 365–366, 368, 467
Staphylococcus aureus infections, cellulitis, 460–464
  folliculitis, 464–465
  furuncles, 465–466
  impetigo, 459–460
  in atopic dermatitis, 511
  in diabetes mellitus, 374–375
Stenosis, aortic, 727–730
Sterilants, occupational exposure to, 1095
  reproductive disorders in, 1041, 1047
Stevens-Johnson syndrome, 365
Streptococcal infections, cellulitis, 460–464
  erysipelas, 460–462
  group B, in pregnancy, 19–21
    prevention of, 90–91
  in diabetes mellitus, 374–375
  rheumatic heart disease in, 774–775
Stress, angina in, 617
  coronary artery disease in, 532
  occupational, in health care workers, 1098–1099
    in pregnancy, 110–111
    reproductive disorders in, 1050–1051
Stress testing, in angina, 618
  in coronary artery disease, 748–749, 790–792
  in sports participation evaluation, 713–714
Stroke, in atrial fibrillation, 705–706
  in hypertension, 609–610
  in thrombolytic therapy, 634
Styrene, occupational exposure to, 949–951
Subacromial bursitis, work-related, 853
Subdeltoid bursitis, work-related, 853
Subungual hematomas, 487–490
Subungual melanoma, 336–338
Succimer, in lead poisoning, 986
Sudden death, in arrhythmias, in women, 755
  in athletes, screening for, 712–715, 778
Sulconazole, in fungal infections, 416
Sulfacetamide, in rosacea, 316
Sulfonylureas, skin disorders due to, 381
Sulfur dioxide, occupational exposure to, 972–973
Sulfuric acid, occupational exposure to, 917–921
Sunburn, 435, 439
Sunlight. See also *Ultraviolet radiation.*
  for psoriasis, 399–400
  sensitivity to, tretinoin-induced, 294–295
  skin changes due to, **435–445**
    actinic keratosis, 439–444
    in indoor tanning, 437–438
    occupational, 909–910
    protection against, 436–438
    sunscreens and, 437, 439
    types of, 435–436
Sunscreens, 437, 439
Supraspinatus tendonitis, work-related, 852–853
Supravalvular aortic stenosis, 769
Supraventricular tachycardias, 687–697. See also specific arrhythmia.
  clinical features of, 687
  definition of, 687
  in women, 755
  paroxysmal, in pediatric patients, 778–779
  treatment of, 693–697
Surgery, hypertension management in, 607
Swimmer's ear, 469
Sycosis barbae, 465
Syncope, diagnosis of, 797–799
  in aortic stenosis, 728
  in ventricular arrhythmias, 718
Syphilis, in pregnancy and lactation, 18–19, 43

Tachycardias. See also *Supraventricular tachycardias.*
  atrial, 690–691
  sinus, 681
  ventricular, 721–722
Tanning, indoor, 437–438
Tar preparations, in atopic dermatitis, 511
  in psoriasis, 397
Target lesions, in erythema multiforme, 364–365
Taste disorders, occupational, 1004–1005
Tazarotene, in acne, 296
  in psoriasis, 399
Tears, skin, 487
Telangiectasia, definition of, 286
  in rosacea, 311, 313
  periungual, in diabetes mellitus, 376
Telogen effluvium, 326–327
Temperature, extreme, occupational exposure to, 888–889, 1042, 1050, 1097
  of skin, 279–280
Tendonitis, work-related, bicipital, 853–854
  forearm, 856–858

Tendonitis (*continued*)
rotator cuff, 852–853
wrist, 856–858
Tennis elbow, work-related, 854–855
Tension neck syndrome, work-related, 851
Teratogens, avoidance of. See also *Drug(s), in pregnancy and lactation.*
in periconception care, 6
definition of, 36
list of, 37
occupational, 108–109, 1040, 1043
Terbinafine, in fungal infections, 415, 417
in onychomycosis, 346–347
in pityriasis versicolor, 419
in tinea corporis, 418
in tinea pedis, 417–418
2,3,7,8-Tetrachlorodibenzo-p-dioxin, occupational exposure to, 951–955
Tetracycline, in acne, 298
in rosacea, 315
Texture, of skin, 279
Thalidomide, teratogenic effects of, 35–36
Thiazide diuretics, in heart failure, 663
in hypertension, 600, 757
lipid effects of, 576
Thick skin, in diabetes mellitus, 375
Thiosulfate, in cyanide poisoning, 965
Thrombolytic therapy, for myocardial infarction, 633–635, 752
Thumb, stenosing tenosynovitis of, work-related, 856
Thyroid disorders, in pregnancy and lactation, drugs for, 49
Tick bites, Rocky Mountain spotted fever from, 362–363
Tin, occupational exposure to, 995
Tinea capitis, 330
Tinea circinata, 409
Tinea corporis, 409–410, 418
Tinea cruris, 412, 418
Tinea faciei, 409–410
Tinea imbricata, 409
Tinea manuum, 412
Tinea pedis, 410–412, 417–418
Tinea profunda, 409
Tinea unguium, 344–347
Tinea versicolor, 413–414
Tissue adhesives, in laceration repair, 475–478
Tobacco use, angina in, 616
cessation of, 533–534
coronary artery disease in, 528–529, 742
screening for, in periconception care, 4–5
prenatal, 79
Toes, tinea infections of, 410–412, 417–418
web infections of, 470
Tolbutamide, skin disorders due to, 381
Torsades de pointes, 719–720
in women, 755
Torsemide, in heart failure, 663
Total lung capacity, in occupational lung diseases, 1013
Toxic exposure, occupational. See *Chemicals, occupational exposure to.*
Toxicodendron dermatitis. See *Rhus dermatitis.*
Toxicology, principles of, in occupational medicine, 883
Toxoplasmosis, in pregnancy, 87
prevention of, in periconceptional care, 7
Traction alopecia, 330
Transplantation, hair, in alopecia, 325–326
heart, in heart failure, 671
in pediatric patients, 782–783
Trapezius myalgia, work-related, 851
Trauma, skin, **475–492**
abrasions, 478–480
blisters, 480–482
burns, 482–487
dressings for, 490
lacerations, 475–478
subungual hematomas, 487–490
tears, 487
Trephination, of subungual hematoma, 489–490
Treponema pallidum infections, in pregnancy, 18–19
Tretinoin, in acne, 294–295
in actinic keratosis, 441, 443
Triamcinolone, in acne, 305
in alopecia areata, 329
in atopic dermatitis, 511
in myxoid cysts, of nails, 348
in psoriasis, 341–342, 392, 398, 402
in *Rhus* dermatitis, 500
Trichloroacetic acid, in actinic keratosis, 440, 443
Trichomoniasis, in pregnancy, 29–30, 45
prenatal screening for, 61, 63
Trichophyton infections. See *Dermatophytosis.*
Trichotillomania, 329
Tricuspid valve, regurgitation of, 727, 736–737
in pediatric patients, 771–772
Trigger finger, work-related, 858
Triggered arrhythmias, 711–712
Triglycerides, measurement of, 549
Tripe hands, in diabetes mellitus, 379
Triple screen test, in pregnancy, 88
Troponins, measurement of, in myocardial infarction, 795–796
Tuberculosis, in pregnancy and lactation, drugs for, 47
transmission of, to health care workers, 1086–1088
Tumor necrosis factor-a, in *Rhus* dermatitis, 497

Ulcer(s), definition of, 284
Ulcerative colitis, in pregnancy and lactation, drugs for, 47–48
Ultrasonography, duplex, in hypertension, 598
  in prenatal screening, 63–65
Ultraviolet radiation, for psoriasis, 399–402
  in tanning salons, 437–438
  protection against, sun protection factor and, 436–437, 439
  skin changes due to. See *Sunlight, skin changes due to.*
  types of, 435
  with psoralen, in psoriasis, 342, 401–402
Unconventional medicine. See *Alternative medicine.*
United States Preventive Services Task Force, lipid screening recommendations of, 557–558
Upper extremity, work-related musculoskeletal disorders of, **845–864**
  distal, 856–858
  elbow, 854–855
  epidemiology of, 846–847
  evaluation of, 849–850
  nerve entrapment, 858–859
  painful, 861–862
  risk factors for, 847–849
  shoulder, 851–854
  terminology of, 845–846
  treatment of, 850
  vascular, 859–861
Ureaplasma urealyticum infections, prevention of, in periconceptional care, 8
Urgency, hypertensive, 594–595
Urinary tract infections, in pregnancy and lactation, 15–17, 44
Urticaria, contact, occupational, 903–906
Urushiol sensitivity. See *Rhus dermatitis.*
Uterus, bleeding from. See *Vaginal bleeding.*

Vaccination, in periconception care, 2–3
Vaginal bleeding, in pregnancy, **137–151**
  evaluation of, 137–138
  in circumvallate placenta, 142–143
  in placenta accreta, 146–147
  in placenta previa, 138–141
  in placental abruption, 141–142
  in uterine atony, 145
  in uterine inversion, 147–148
  in uterine rupture, 148
  in vasa previa, 143
  Rh isoimmunization in, 143–144
  treatment of, 137–138
Vaginitis, candidal, in diabetes mellitus, 374
    in pregnancy, 30–31
  in pregnancy and lactation, drugs for, 44–45
  prenatal screening for, 61, 63
Valvotomy, in aortic stenosis, 730
Valvular heart disease, **725–740**
  aortic regurgitation, 727, 730–732
  aortic stenosis, 727–730
  consultation on, 738
  diagnosis of, 797
  heart failure in, 656
  in pregnancy, in adolescents, 781–782
  mitral regurgitation, 727, 732–733, 771–772
  mitral stenosis, 727, 734–736
  mitral valve prolapse, 727, 733–734
  murmurs in, 725–728. See also specific diseases.
  prostheses for, 737–738. See also specific diseases.
    in pregnancy and lactation, drugs for, 45
  tricuspid regurgitation, 727, 736–737, 771–772
  valve repair in, 737
  valve replacement in, 737–738. See also specific diseases.
Varicella, 358, 367
  immunization for, preconception, 3
  in pregnancy, 23, 109
  transmission of, to health care workers, 1091–1092
Vasa previa, bleeding in, 143
Vascular rings and slings, in pediatric patients, 772
Vasodilation, in nitroglycerin exposure, 937–939
Vasodilators, in hypertension, 602
Velo-cardio-facial syndrome, 769
Venous hypertension, in heart failure, 658
Ventricle(s), left, failure of, in myocardial infarction, 639
  hypertrophy of, in hypertension, 609
Ventricular arrhythmias, **709–724**
  emergencies in, 718–722
  in myocardial infarction, 720–721
  long QT syndrome, 719
  pathophysiology of, 710–712
  premature ventricular contractions, 715–718
  sudden death in, screening athletes for, 712–715
  syncope in, 718
  ventricular fibrillation, 639–640, 721–722
  ventricular tachycardia, 721–722
Ventricular fibrillation, 722
  in myocardial infarction, 639–640
Ventricular septal defects, 777–778
Verapamil, in angina, 625
  in atrial arrhythmias, 695–697, 700
  in hypertension, 601

Verrucae. See *Warts.*
Vesicles, definition of, 283
Vibration, hand–arm vibration syndrome due to, 859–860
Vinyl chloride monomer, occupational exposure to, 955–957
Violence, against health care workers, 1098–1099
  domestic, prenatal screening for, 56–60
Viral infections, in pregnancy. See specific infections.
Vitamin(s), supplementation with, in periconception care, 2
  in pregnancy, 106–107, 124
Vitamin A, in rubeola, 355
Vitamin B_{12}, in cyanide poisoning, 965–966
Vitamin E, in angina, 626–627
  in hyperlipidemia, 568
Vitiligo, in diabetes mellitus, 380
Vocal cord dysfunction, occupational, 1005–1006
Volume overload, in heart failure, 657–658
Volume status, assessment of, in heart failure, 661–662
Vomiting, in pregnancy and lactation, alternative medicine for, 124
  drugs for, 47–48

Wandering atrial pacemaker, 686–687
Warts, **423–434**
  common, 424–425
  epidermodysplastic, 427
  flat, 427
  genital, in pregnancy and lactation, 27–28, 42
  in pediatric patients, 432
  mosaic, 426
  plantar, 425–427
  resistant, 431–432
  treatment of, 427–432
  virus causing, 423–424
Waxy skin syndrome, in diabetes mellitus, 375
Weight gain, in pregnancy, 79–80, 107
Wheals, definition of, 283
Whiteheads (comedones), 285, 290–291
Wolff-Parkinson-White syndrome, 689–690
Women, heart disease in, **741–766**
    arrhythmias, 754–755
    coronary artery disease, 575, 577, 741–754
    heart failure, 761–762
    hormones and, 758–761
    hypertension, 755–758
    in pregnancy, 606–607, 780–782
Wood's light, in tinea capitis, 330
Work. See also *Occupational medicine.*
  during pregnancy, 108–111
Workers' compensation, **831–844**, 890
  case management in, 843
  definition of, 831
  development of, 831–833
  disability evaluation in, 841–842
  legal standards of proof in, 842–843
  physician's role in, 836–841
    expert witness, 841
    independent medical examiner, 838–841
    treating, 836–838
  types of, 833–836
    employers' role in, 835–836
    exclusive private state fund, 834
    exclusive public state fund, 833–834
    insurance involvement in, 835
    open market system, 834–835
  unresolved issues in, 843–844
Wounds, skin. See *Trauma, skin.*
Wrist, work-related disorders of, carpal tunnel syndrome, 858–859
    evaluation of, 848–849
    risk factors for, 847–848
    tendonitis, 856–858
    treatment of, 849

Xanthomas, eruptive, in diabetes mellitus, 380–381
Xerosis, in atopic dermatitis, 506
Xylene, occupational exposure to, 1094

Yellow skin, in diabetes mellitus, 376

Zeitgebers, in circadian rhythm, 1057, 1059
Zidovudine, in HIV infection, in pregnancy, 22
Zinc supplementation, in pregnancy, 107